

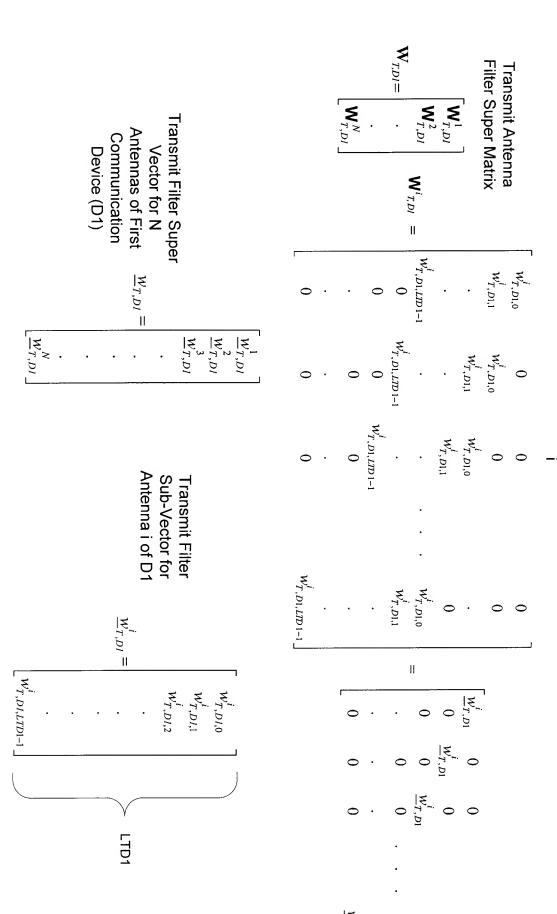
FIG. 2

$$\underline{h}^{ij} = (h_0^{ij}, h_1^{ij}, ..., h_{L-1}^{ij})^T$$

Channel Response Vector

FIG. 3

Transmit Filter Matrix for Antenna



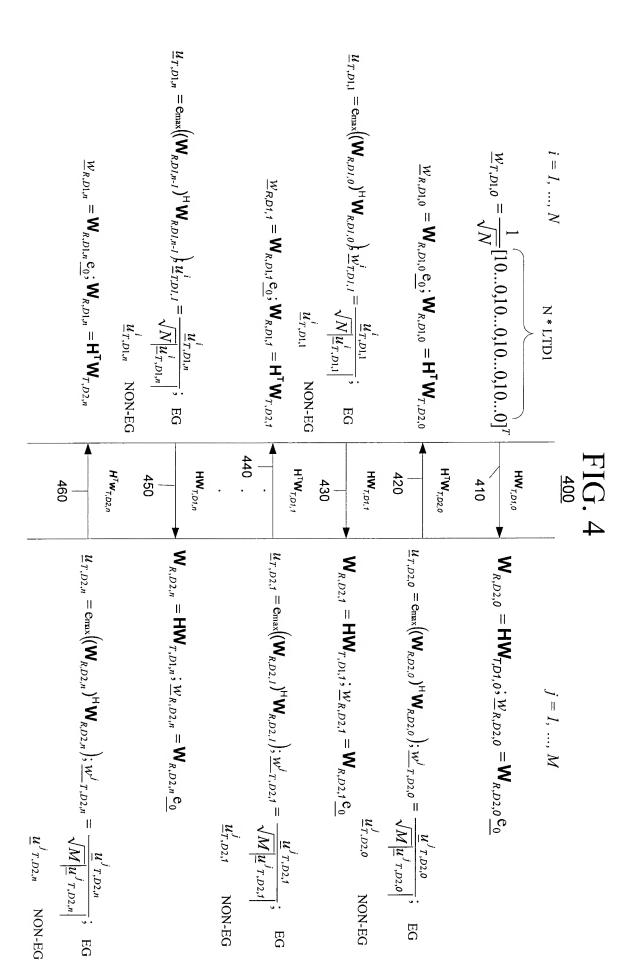
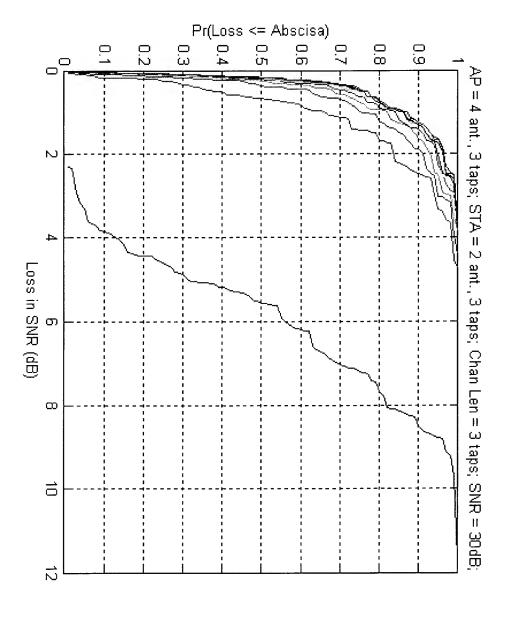


FIG. 5



Pr(loss < Abscisa) 0.000 0.000 0.3 <u>_</u> 0.2 0.8 9.0 . 0 Loss due to equal Tx power in, ideal case. SNR = 10dB 0 loss (dB) Ω. T Ŋ - AP-to-STA STA-to-AP 25 ω

Pr(loss < Abscisa) 0.4 0.5 0.5 0.9 0.2 0.3 0.8 Loss due to equal Tx power in, iterative case. SNR = 10dB 2 loss (dB) AP-to-STA STA-to-AP

IG. 7

FIG. 8

